

SHOW PREVIEW

FABTECH offers advancement for your finishing operations

CCAI's FINISHING Pavilion at FABTECH is where the finishing industry comes together to see what's now, what's new, and what's next.

Alicia Tyznik *Editor*



Investing in products and services, learning from industry experts, and networking with others is what FABTECH is all about. It's been eight years since the Chemical Coater's Association International's (CCAI's) FINISHING Pavilion & Education Program debuted at FABTECH in Atlanta, and time has proven that FABTECH is the place for finishing professionals to see the latest in finishing equipment, materials, and auxiliary supplies while they enhance their skills and exchange best practices. Your plans should be well underway to attend FABTECH 2018 from November 6-8 at the Georgia World Congress Center in downtown Atlanta.

With a short time to go until the show opens its doors, the FINISHING Pavilion at FABTECH 2018 is sold out with nearly 200 exhibitors. More than 35,000 attendees are expected to visit the show floor that covers over 650,000

net square feet of exhibit space. More than 1,500 exhibitors showcasing everything from welding, forming, fabricating, and stamping to finishing will share the exhibit floor. The CCAI FINISHING Pavilion is packed with suppliers that will bring countless products, services, innovative ideas, and equipment to attendees interested in all aspects of the finishing industry.

Finalizing plans to attend FABTECH now is critical to ensure you get the best hotels at the best rates, secure reasonable airfare to Atlanta, and reserve seats in the finishing education sessions. Visitors are encouraged to attend FABTECH for multiple days to take advantage of everything the event has to offer. "You can't explore the show floor, participate in education sessions, and attend our special events in one day," says Anne Goyer, CCAI executive director. "There are so many things to see and do at FABTECH that you need

two or three days to visit with exhibitors, attend sessions that are important to you, and enjoy networking events that allow you to meet other attendees."

"I've been amazed to watch the growth of CCAI's FINISHING Pavilion since we first partnered with FABTECH in 2010," says Goyer. "We have continually worked to diversify our educational offerings and bring new and innovative presentations to the finishing sessions. Our comprehensive program and show floor for all finishing industry segments makes FABTECH the place where the finishing industry comes together each year."

Education

While you're at the show, don't forget to attend some of CCAI's FINISHING educational sessions taught by finishing industry experts. There are significant technical sessions for

More info

Location. FABTECH 2018 will be held in the heart of downtown Atlanta at the Georgia World Congress Center, 285 Andrew Young International Blvd. NW, Atlanta, GA 30313; www.gwcca.org. MARTA rail and buses and taxis run throughout the city and to and from Hartsfield-Jackson Atlanta International Airport. Shuttle service is available at most downtown hotels.

Hotels. Special discounted hotel rates are available through the show's official housing partner, on-Peak. The easiest way to reserve your room is to follow the instructions under the Hotel & Travel tab on the show website. A free shuttle service will run daily between the convention center and official FABTECH hotels.

Show hours. 10:00 a.m. to 6:00 p.m. on Tuesday, November 6; 9:00 a.m. to 5:00 p.m. on Wednesday,

November 7; 9:00 a.m. to 4:00 p.m. on Thursday, November 8.

Sponsoring associations. Chemical Coaters Association International (CCAI); Fabricators & Manufacturers Association, Int'l (FMA); SME; American Welding Society (AWS); and Precision Metalforming Association (PMA).

Registration. Click on the yellow register button on the top of the FABTECH home page to register. Attendees can register for the exhibits for free until Friday, November 2, or present your CCAI membership card at onsite registration. After November 2 and for non-CCAI members, a \$50 registration fee applies for the show. FINISHING Pavilion exhibitors can also provide you with an expo pass that will allow you free onsite show registration. Contact any FINISHING Pavilion exhibitor for a pass to use onsite if you cannot preregister.

CCAI members also receive discounted pricing to attend the FINISHING Education Program at FABTECH. CCAI members must have their membership number available when registering to get the member discount. Plus, remember everyone can save 30 percent off pricing by entering the code FINISHING30 when registering. Call the CCAI office at if you cannot locate your membership number.

Contact info. For more information about CCAI's FINISHING Pavilion, contact Andy Goyer at CCAI at 941/373-1830 or andy@goyermtg.com. For general questions about FABTECH, call 888/394-4362 or email information@fabtechexpo.com. The official show website is www.fabtechexpo.com.

both finishing novices and industry experts. All sessions are two hours in length and offer practical knowledge you can apply as soon as you get back to your shop.

Take time to review all of the finishing sessions and presentation descriptions being offered before you get to the show. A complete list is available on the show website. In addition, CCAI is offering 30 percent off any FINISHING educational session by using the code FINISHING30 when you register.

Exhibition

CCAI has packed the FINISHING Pavilion with exhibiting companies that will bring countless products, services, innovative ideas, and equipment to finishers interested in all finishing technologies.

In addition to the finishing section, there are other technical pavilions dedi-

cated to metalforming, welding, 3D/additive manufacturing, forming and fabricating, and tube and pipe. For a complete list of the more than 1,500 exhibitors at FABTECH, visit the show website.

Special events

All FABTECH attendees are invited to enjoy several special events at the show, including keynote presentations and expert panel discussions. The following are some of the networking events you can choose from to enhance your show experience.

Keynote presentations. Embracing the wildly popular TED-style concept, FABTECH 2018 will kick off with an exciting format for the opening keynote. "FABx Tech Talks" will be held Tuesday, November 6, at 8:45 a.m. The presentation will spotlight visionary leaders who will motivate and inspire attendees via short inspirational

talks on the topics of transformation, growth, advancement, and expansion for the future of manufacturing. Come hear how these leaders are driving innovation to take their businesses to the next level.

The second keynote will be held on Wednesday, November 7, at 8:30 a.m. "What a Ride: Life, Family, Community, and the Race Track" will be pre-





FABTECH crowd gathers before show opening.

sented by NASCAR icon and philanthropist Kyle Petty. During this presentation, Petty will take audiences on an anecdotal journey through his life as a businessman, philanthropist, and as one of NASCAR's most respected drivers. He'll explore such topics as consistently striving for excellence, living up to your promises, teamwork, community, and commitment to family.

"Make Way for Gen Z!" will be held on Thursday, November 8, at 8:30 a.m. This third keynote, presented by best-selling authors Jonah and David Stillman, will discuss how a new generation is starting to hit the workplace and why no one is talking about it yet. Who are Generation Z? What has shaped them? What are their expectations around careers and the workplace? What's it going to take to get this generation in the door, on board, and up to speed? Generation expert David Stillman teams up with his Generation Z son Jonah for this fresh and innovative presentation that will shed light on what makes this newest generation tick.

Expert panel presentations. There will be three expert panels held this year. "Innovate, Accelerate, and Advance Manufacturing" will take place on Tuesday, November 6, at 12:30

p.m. Learn how companies are using innovation and advanced technologies to stay at the forefront of manufacturing and how they embrace disruptive technologies to remain competitive and profitable. The panel will focus on the importance of manufacturing to the economy, jobs, and new manufacturing processes to accelerate innovation for the fourth industrial evolution.

"Manufacturing and the New Generation Workforce" will be held on

Wednesday, November 7, at 10:30 a.m. This lively discussion will bring together a panel of experts who will share a new perspective and help your company understand how to adapt and attract the millennial generation of employees. Topics covered will include best practices in such areas as creating a culture of care, communication, technology, teamwork, and mentoring.

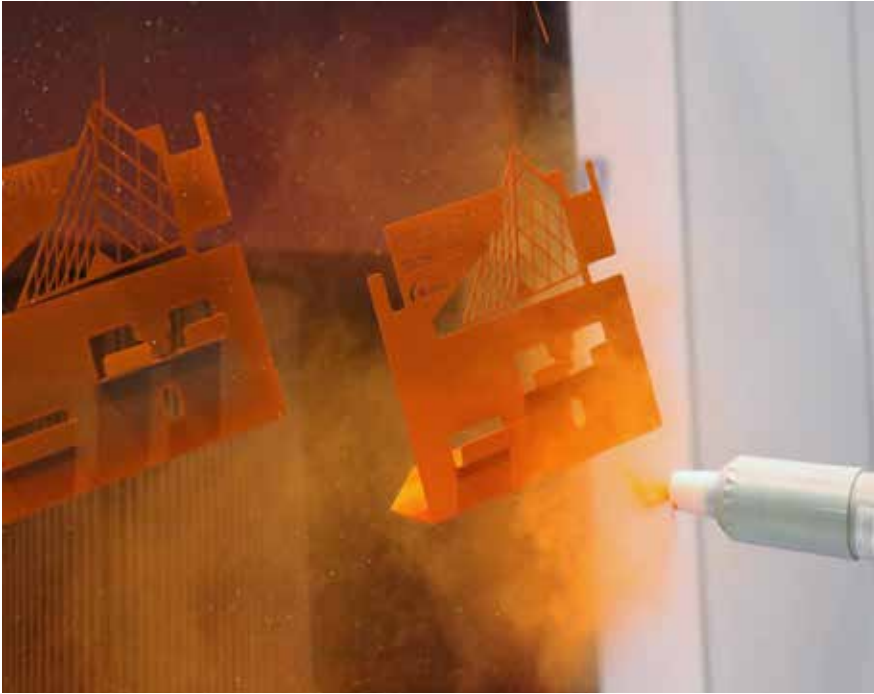
"State of the Industry" will be held on Thursday, November 8, at 12:30 p.m. The manufacturing industry is in a constant state of transformation and manufacturing businesses are managing frequent changes in customer needs, handling competitor changing landscapes, and focusing on profit margins and revenue growth. Come and hear experts discuss the issues impacting manufacturing, including steel and commodity prices in general, chronic labor shortages, and global trade.

Women of FABTECH Breakfast.

Join your colleagues at a networking breakfast celebrating the importance of women in the manufacturing sector. This event will be held on Wednesday, November 7, from 8:00 to 10:00 a.m. It aims to foster relationships and dialogue between supporters and practitioners in the field. The breakfast will feature Laura Cox Kaplan, founder and host of the popular "She Said, She Said" podcast,



Women in Finishing allows for networking in CCAI's booth.



CCAI's FAB to FINISH Production Experience allows attendees to follow a part from fabrication to finished product.

interviewing BASF's Veronica Braker, VP, Operations Performance Materials North America. Braker is a certified Six Sigma Black Belt and Master Black Belt with a deep understanding of operational excellence and a passion for improving the representation of women in manufacturing and technical roles. The breakfast will conclude with a tech tour on the show floor. The cost to attend is \$25.

Industry Night at Mercedes-Benz Stadium. Enjoy an evening of fun, food, drinks, and networking during this event on Tuesday, November 6, starting at 6:30 p.m. Located just steps from the Georgia World Congress Center, the Mercedes-Benz Stadium is Atlanta's newest world-class sports and entertainment complex and home to the Atlanta Falcons. The evening will include exclusive access to the field, on-

field activities, stadium tours, and a keynote and meet-and-greet with special guest and legendary football coach Steve Spurrier. The advance ticket price is \$75.

CCAI's FAB to FINISH Production Experience. For the second year in a row, this program will offer attendees the opportunity to experience part production from fabrication through finishing on the exhibit floor. Participants will pick up their part in the fabrication portion of the show and will be directed to exhibitors in the FINISHING Pavilion, where the parts will be pretreated, coated, and cured for attendees to take back to their plant or office.

CCAI's Women in Finishing Reception. On Wednesday, November 7, at 4:00 p.m., CCAI will host a reception in their booth (B4700), providing an opportunity for women in the finishing industry to network and socialize with their peers.

RUN4MFG 5K. The fifth edition of this race will be held on Thursday, November 8, from 6:30 to 8:30 a.m. You can run or walk the course through Centennial Olympic Park to show your support for the future of manufacturing. It's a great way to meet up with other attendees and exhibitors while supporting the charitable foundations of the sponsoring associations. There is an additional fee of \$35 to participate (the cost increases to \$50 after November 2). **PC**

EDUCATION PROGRAM



CCAI FINISHING education sessions are interactive.

Conference sessions

FABTECH 2018 will offer several conference tracks offering more than 100 targeted technical, operational, economic, and managerial sessions for beginners and advanced professionals alike. All sessions focus on practical knowledge that you can immediately implement. In addition to CCAI's finishing track detailed on these pages, the conference will include tracks on stamping, cutting, forming and fabricating, job shop solutions, automation and robotics, lean manufacturing, management, tube and pipe, and welding. A full conference schedule is available at www.fabtechexpo.com. The schedule here is current as of August 6.

Finishing Track

**Tuesday,
November 6**

10:30 a.m. to 12:30 p.m.

C20: Building Blocks of Powder Coating

Building Blocks and Basics for an Effective Powder Coating System

Speakers: John Sudges, Midwest Finishing Systems; Frank Mohar, Nordson; Michael Withers, Axalta coating Systems

C21: Fundamentals of a Successful E-Coat Operation

Fundamentals of a Successful Electrocoating Operation

Speaker: Chad Andreae, Therma-Tron-X

C22: Pretreatment Challenges

From Pretreatment Issues to Finish Quality

Speaker: Sergio Mancini, Bulk Chemicals

To Descale or Not to Descale... That is the Topic

Speaker: Ken Kaluzny, Coral Chemical

Cyanide Destruction: A New Look at an Age-Old Problem

Speaker: Robin Deal, Hubbard-Hall

Optimizing and Maintaining Spray Patterns in a Wash System

Speaker: Matthew W. Clark, Henkel

1:30 p.m. to 3:30 p.m.**C30: The ABCs of Infrared***Efficient Curing with Infrared*

Speakers: Scott Bishop, Alabama Power; Baskar Vairamohan, Electric Power Research Institute (EPRI); John Podach, Fostoria Process Equipment, div. of TPI; Tim O'Neal, Selas Heat Technology

C31: First Things First – Hanging and Masking*Hanging Proficiency – A Key to Production Efficiency*

Speaker: Scott Rempala, Mighty Hook

Masking Solutions

Speakers: Christopher H. Malone, Mike Connell, and Hans Nilarp, Caplugs

C32: New or Improve? What's Better for Your Finishing System?*A Case Study Judging the Feasibility of Purchasing a New Finishing System*

Speaker: Nicholas Liberto, Powder Coating Consultants

Knowing When to Upgrade Your System

Speaker: Matt Ambrose, Nordson

Ideas for Implementing Lean into Your Powder Coating Operation

Speaker: Marty Sawyer, Trimac Industrial Systems

**Wednesday,
November 7****8:00 a.m. to 10:00 a.m.****C40: Optimizing Batch Powder Coating Operations***Optimizing Your Batch Powder Coating Operations*

Speakers: John Sudges, Midwest Finishing Systems; John Cole, Parker Ionics; Suresh Patel, Chemetall US

C41: Blasting Your Way to Success*You Cannot Manage What you do not Measure – The Increasing Role of Technology in Measuring and Managing your Blast Operation*

Speaker: Joseph D. Craig, Blast Services

Reducing the Strain with Limited Maintenance Resources to Maintain your Shot Blasting Equipment

Speaker: Carl Panzenhagen, Blast Cleaning Technologies

CO₂ Spray Cleaning and Pretreatment of Surfaces for Automotive Applications

Speaker: Nelson Sorbo, Cool Clean Technologies

C42: Architectural Coatings – Building a Lasting Finish*Architectural Coatings – Today & Future*

Speakers: Michael Withers and Manuel Mayer, Axalta Coating Systems

10:30 a.m. to 12:30 p.m.**C50: Powder Coating and Industry 4.0, Really?***Powder Coating and Industry 4.0, Really?*

Speaker: Jeffrey W. Hale, Gema USA

Data Acquisition and the Art of Powder Coating

Speaker: Mike Thies, Gema USA

C51: Identify and Solve Finishing Defects: See It, Touch It, Fix It*See It, Touch It, Fix It*

Speakers: David Schimpff, DuBois Chemicals; Tabitha McLeish and Curt Wild, Sherwin-Williams

C52: Developing a Liquid Coating Knowledge Base*Basics of Liquid Coatings*

Speaker: Dan Szczepanik, Sherwin-Williams

Building a Knowledge Base of Liquid Application Equipment

Speaker: Martin G. Powell, Carlisle Fluid Technologies

1:30 p.m. to 3:30 p.m.**C60: Automation: Is It for Everyone?***Levels of Automation in Automated Finishing Systems*

Speaker: John Claman, IntelliFinishing

Robotic Paint and Powder Coating

Speaker: Mike Dilday, FANUC America

Finishing Robot Applications for Military and Aerospace Users

Speaker: Michael D. Elberson, Autotop Automation

C61: Safety – It Works for All of Us*Focus on the Codes that Prevent Fires and Explosions*

Speaker: Martin G. Powell, Carlisle Fluid Technologies

Safety: It Works for All of Us

Speaker: Martin Korecky, AkzoNobel Coatings

C62: Improving Performance of Pretreatment Processes*Best Practices for Manual Pretreatment Applications*

Speaker: Kirk Beaster, Chemetall US

The Game Changer – Greener and More Cost-Effective Phosphatization

Speaker: Michael Frechette, CEF, Hubbard-Hall

Emerging Technologies and Future Developments of Cleaning and Pretreatment

Speaker: Chris Berger, Calvary Industries

Thursday, November 8

8:00 a.m. to 10:00 a.m.

C70: Top 10 Tips for Maintaining Your Powder Coating Operation

Top 10 Tips for Maintaining Your Powder Coating Operation

Speakers: Bill Owens, AkzoNobel Powder Coatings; Joe Glassco and Hector Flores, Wagner Systems

C71: From E-Coat to Top Coat

E-Coat Prime/Powder or Liquid Top Coat—A First Class Combination

Speaker: Joe Laubenthal, Therma-Tron-X

E-Coat Products – Selecting the Right Materials to Meet Performance Needs

Speakers: Kevin Kahl and John Hromadka, Sherwin-Williams

C72: Advancements in Pretreatment

New Advances in Zirconium Chemistry

Speaker: David G. Schimpff, DuBois Chemicals

Nine Must-Know Reasons to Consider to Zr-Based Advanced Pretreatments

Speaker: Suresh Patel, Chemetall US

10:30 a.m. to 12:30 p.m.

C80: Key Elements of Spray Booth Design

How Codes Affect Your Spray Booth Design

Speaker: Robert Hauck, Spray Systems

Utilizing LED Technology to Best Light Your Booth

Speaker: Nicole Boss, LDPI

Filtration Options for Paint Applications

Speaker: John Owed, Col-Met Engineered Finishing Solutions

C81: All About Ovens

Benefits of Longwave Infra-Red for Drying, Gelling & Curing Liquid and Powder Coatings

Speaker: Michael Chapman, Heraeus

The Cure for Success—Oven Design Basics

Speaker: Bill Oney, Therma-Tron-X

Getting the Right Temperature

Speaker: Bob Hertel, BYK-Gardner USA

EXHIBITORS

2018 FINISHING Pavilion exhibitor list

These exhibitors will display their products and answer your questions at this year's show. This list of exhibitors and booth numbers is current as of August 6. Companies advertising in this issue are in **bold type**.

A

ABL-TECHNIC N.A.	B4637
Accudraft Paint Booths	B5441
ACT Test Panels	B4911
AFC Finishing Systems	B4851
Air Power	B4955
AkzoNobel Powder Coatings ...	B5347
Alabama Washer and Oven	B5453
Alconox	B4916
Alexandria Metal Finishers	B4634
Alliance Manufacturing	B4755
American Industrial Sales	B4537
Amiberica	B5017
AMOVA	B4713
Andreae Team	B4937
Apel International	B4915
Argon Masking	B5452
ASCO Carbon Dioxide	B4721
Assured Testing Services	B4756
Atotech USA	B4535

Axalta Coating Systems	B5001
AZZ Metal Coatings	B5066

B

Baril Coatings USA	B5000
BASF	B4709
BCI Surface Technologies/ Bulk Chemicals	B4944
BEKO Technologies	B5014
BEX Spray Nozzles	B5508
Blast Cleaning Technologies	B4929
Blast Services	B4529
BlastOne International	B4821
Burleigh Industries	B4733
BYK-Gardner USA	B4550

C

Calvary Industries	B5333
<i>Canadian Finishing & Coatings Manufacturing</i>	B4754
Caplugs	B5433
Carlisle Fluid Technologies	B5228
Castrol	B4615
Catalytic Industrial Systems	B4933
CCAI	B4700
Chemetall	B4807
Chemtec North America	B4938
Circle-Proscio	B4551
Clean Air Technology Solutions	B5516
ClearClad Coatings	B4655
Clemco Industries	B4729

Col-Met Engineered Finishing Solutions	B5108
Columbus Industries	B4840
Combustion and Systems	B4914
Coral Chemical	B5021
CPR Systems	B4812

Custom Fabricating & SuppliesB5420

D

D&B Plating	B4814
Decoral System USA	B4648
DeFelsko	B4623
Delfin Industrial	B4859
Diamond H2O	B4544
Dinamec Systems	B4917
DMP	B4811
DuBois Chemicals	B4829
Duroair Technologies	B4635
Durr Systems	B5256
DV Systems	B4639
Dynabrade	B4545

E

Echo Engineering & Production SuppliesB5009	
Eisenmann	B5355
Elcometer	B5040
The Electrocoat Association	B4820
EnviroServe Chemicals	B4959
EPSI Masking Solutions	B5067
Ervin Industries	B4632
ESMA	B5532

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Euroimpianti	B4651	Herr Industrial	B4838	Michigan Metal Coatings.....	B4549
EUROSIDER	B5250	Houghton International— Surface Finishing.....	B5351	Micron Fiber Tech.....	B4552
F		Hubbard-Hall.....	B5311	Midwest Finishing Systems.....	B5329
FAMIS.....	B4719	I		Mighty Hook.....	B5032
Fandeli Coated Abrasives	B5538	IFS Coatings	B5112	Mighty Lube Systematic Lubrication	B4732
FANUC America.....	B4954	Infiniti Coating Solutions	B4619	Mode Kartela Boya	B4857
1st Source Products/ Tycon Bearings	B4834	Intek	B5013	N	
Fischer Technology	B4854	IntelliFinishing	B4723	NikoTrack.....	B5556
Flex Trim USA.....	B5455	International Thermal Systems	B4718	Nordic Air Filtration	B5447
Fostoria Process Equipment, div. of TPI.....	B5208	Intertek.....	B5518	Nordson	B5216
Frost	B4636	Iowa Area Development Group	B5546	Novacel.....	B4817
G		IST America.....	B5520	O	
GAT Finishing Systems	B4921	IST International Surface Technologies.....	B5410	Omnirobotic	B4855
Gema USA.....	B5029	IXS Coatings.....	B4555	P	
General Fabrications	B5058	J		Parker Ionics	B5429
George Koch Sons.....	B5120	Jackson Oven Supply	B4742	Patriot Metal Finishing System	B4767
Global Finishing Solutions.....	B5236	Jamestown Coating Technologies.....	B4741	Peening Technologies	B5548
GMA Industries.....	B5019	Jervis B Webb.....	B5554	Pneu-Mech Systems Mfg.	B5409
Goff	B4845	K		Pollution Control Products...B5413	
GPA INNOVA-DLYTE.....	B5540	Keyland Polymer UV Powder ..	B5419	Polymer Molding.....	B4714
Graco.....	B5037	Klinger Paint.....	B4833	Porcelain Enamel Institute	B4633
Graphic Products.....	B5514	L		Powder Coating.....B4843	
Guspro.....	B4553	LDPI	B5044	Powder Coating Institute	B4735
H		LPI.....	B4945	Powder-X Coating Systems.....	B4760
Hafco Vac.....	B4816	LS Industries	B4910	PPG.....	B4907
Hammond Roto-Finish	B5534	M		Precision Color	B4739
Hedson Technologies North America.....	B4628	ML Filters	B5512	Pretreatment Equipment Manufacturing.....	B4951
Henkel.....	B5036	Magic Rack/Production Plus ...	B5321	<i>Products Finishing.....</i>	B5315
Hentzen Coatings	B4934	MAXAIR Systems.....	B4935	Prona Tools	B5102
Heraeus Noblelight America....	B5457				

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R		
Raptor Blasting Systems.....	B4521	
Richards-Wilcox.....	B4710	
Rohner.....	B5337	
RollSeal.....	B5437	
S		
S.E.F. ITALIA.....	B4643	
SAMES KREMLIN.....	B5244	
Sata Spray Equipment.....	B4616	
Scheugenpflug.....	B4620	
Selas Heat Technology.....	B5010	
Sherwin-Williams.....	B4813	
sia Abrasives.....	B5550	
Sigma Abrasives North America.....	B5542	
Southern Equipment & Services.....	B4652	
		Southern Fluid Systems..... B5544
		Spray Systems..... B4941
		Spraying Systems..... B5446
		Spray-Tech/Junair..... B4751
		Sprimag Spritzmaschinenbau... B4734
		Sunkiss-EPI..... B4738
		System Technologies..... B4629
T		
		Tanis..... B4940
		TCI Powder Coatings..... B4745
		Technotrans America..... B4832
		Therma-Tron-X..... B5045
		Transmet..... B5417
		Trimac Industrial Systems..... B4744
U		
		UniCure Spraybooths..... B4717
		Uni-Spray Systems..... B5054
V		
		V & S Galvanizing..... B5432
		Valmont Coatings..... B5416
		Vapor Technologies..... B4839
		Viking Blast & Wash Systems .. B5423
		Vitracoat America..... B5116
		voestalpine eifeler coatings..... B5445
		Vogel Industrial Coatings.....B5454
		Vulkan Blast Shot Technology. B5443
W		
		W Abrasives..... B4835
		Wagner Systems.....B5053
		Washington Mills Ceramics..... B4519
		Webb-Stiles..... B4808